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Focus: EXPLOSIVES Starts on Page 4

COAL INDUSTRY NEWS

Coal's National Newspaper

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NEWS ROUNDUP

Black lung benefits might be delayed in the spending freeze proposal President Reagan announced in his State of the Union message, administration sources suggest. Asked at a briefing if the black lung outlays would be frozen at current levels along with government salaries, an official conceded that black lung "is a unique case, but that would be true in this instance."

* * *

OPEC's pricing disarray extends to U.S. coal, experts agree. They point to low oil prices having historically slowed industrial and utility use of coal. Now, despite efforts to convert facilities, strategists wonder if the current oil price slump will combine with the general economic recession and federal and local clean air regulations to make plants and utilities reconsider abandoning oil for coal.

* * *

Domestic steel companies predictably posted losses for 1982 as they began to release full-year financial results last week. U.S. Steel Corp., the nation's leading steelmaker, reported an operating loss in its steel operations of $852 million "due to **shipments at the lowest level since 1938,**" Chairman David M. Roderick said. The loss for the entire company was cut to $361 million, however, by the company's Marathon Oil Co. division which had $1.24 billion pre-tax operating income for the year.

* * *

The picture is a little brighter for railroads, however. Seaboard System Chairman Richard D. Sanborn told a Milwaukee group that "we will have **one of the largest capital budgets we have ever had in 1983** — excluding the purchase of new rolling stock." Sanborn said this will include **lengthening of sidings to accommodate 90-car unit coal trains** among other major line improvements.

(Continued on page 2)

INSIDE

NEW SLURRY BILLS were introduced in both the House and Senate Thursday, and proponents are optimistic they'll succeed. **Story on page 2.**

EXPLOSIVES MAKERS expect a modest upturn in fortunes during the coming year. Gene Smith explains why as part of our **Focus on pages 4 and 5.**

A VIRGINIA PORT project cleared its final regulatory approval when the Chesapeake City Council approved $50 million in bonds. That and other **Reports from our Correspondents on back page.**

Environmentalists to Challenge Surface Mine Rules

By Steve Marcy

WASHINGTON — A bitter two-year court battle has intensified as environmentalists prepare to haul the Office of Surface Mining back into court for failing to satisfy terms of an agreement to rewrite federal strip mine rules.

The National Wildlife Federation is preparing charges that OSM once again failed to adequately consider the environmental impacts of its regulatory preferences and compare them with existing rules or with other possible alternatives.

Such comparisons, the NWF contends, are mandated both by the National Environmental Policy Act and the Surface Mining Control and Reclamation Act.

What's more, OSM promised last August in an out-of-court settlement with the federation to prepare a full-blown environmental impact statement analyzing the probable effects of more than 20 OSM revisions.

Industry sources say the environmentalists will have a tough time proving their case. These sources are confident that OSM actions satisfy the agreement and that a program will at last be in place.

"Can Withstand Challenge"

"From what I've seen, from what the OSM lawyers and the industry lawyers say, they're confident that the EIS can withstand that kind of challenge," one source told *Coal Industry News*. "As long as OSM has followed the prescribed procedures, it'll be pretty hard for a judge to find against (the regulatory drafts)."

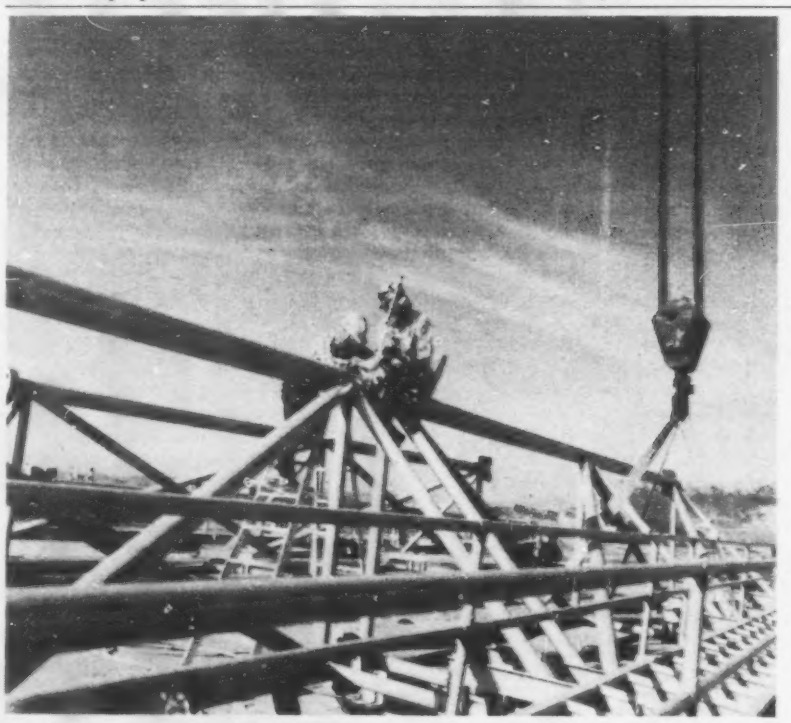
OSM Director Richard Harris unveiled three volumes earlier this month that he said correct the analytical shortfalls. The volumes also contain and justify drafts of the agency's preferred rules.

After a 30-day cooling off period required by the National Environmental Policy Act, Harris hopes to make the "preferred alternatives" final rules about March 1. These rules are also standards to be used by state enforcement agencies in administering the law within their borders.

The supposed cooling off period, however, is instead transforming itself into a period of heated planning for renewed court battles.

Norman Dean, NWF attorney, says the comments fail to address the court settlement in any substantive manner. "It is impossible for a decision maker or the public to use this document to compare the relative environmental impacts of the existing

(Continued on back page)



Walking Dragline Design Saves Time, Money

BOOM SECTIONS, like other structures on Bucyrus Erie's new 680-W modular dragline, bolt together instead of requiring field welding. The result is thousands of manhours saved without having to sacrifice reliability and safety. The key, says the manufacturer, is in the modular design. For a closer look, turn to page 11.

New England Electric Cites High Rail Rates In Reviewing Contracts

RICHMOND — New England Electric Service Co., which cancelled a West Virginia coal contract in December, is also reconsidering a multi-million dollar contract in Virginia.

Spokesman for the utility would not comment specifically on the Virginia contract. But proceedings before the Interstate Commerce Commission show the utility is fighting rates it pays Norfolk and Western Railway to haul coal from southwestern Virginia to Hampton Roads.

A less expensive hauling rate caused New England Electric to cancel a 400,000-ton order from A.T. Massey Coal Co.'s West Virginia mines. The result was hundreds of lost miners' jobs and a revival by Gov. Jay Rockefeller of plans for a slurry pipeline from West Virginia to Baltimore.

"We have decided that we can no longer afford to ship on N&W," said Glen Schleede, president of a New England Electric Service subsidiary. The utility, meanwhile, is getting coal from Pennsylvania mines and shipping it on Consolidated Rail Corp. at a $3 million annual savings.

The dispute over N&W rates could result in a similar reassessment by New England of its Virginia suppliers. Spokesmen for the railroad, New England Electric and United Coal Co. of Bristol, Va., each confirmed that the rail rates are being reviewed. — **Carl Cahill**

Strathclyde Gains NMS, But Rival is Still in Picture

By Gene Smith

NEW YORK — Anderson Strathclyde PLC, the Glasgow-based mining equipment maker, has won control of National Mine Service Co. after Longyear Co. of Minneapolis withdrew from the bidding.

The Scottish company will pay $13.10 each for nearly 2.5 million National Mine Service common shares. This will give it 51 percent control at a price tag of $32.1 million. Its earlier bid of $13 per share was matched by Longyear which had sought 1.8 million shares, or 35 percent of the Pittsburgh-based NMS.

But despite the withdrawal of Longyear, control of NMS may still wind up in the hands of Anglo American Corp. of South Africa Ltd., one of the world's largest mining conglomerates that is controlled by the well-known industrialist, Harry Oppenheimer.

In mid-December the NMS board decided to remain neutral on Longyear's initial bid of $11.50 per share for 1,200,000 shares of NMS at $11.50 per share. Longyear, which produces diamond core drilling equipment and provides exploration drilling services worldwide, is owned by a subsidiary of Anglo American.

Takeover of Strathclyde

Another Anglo American subsidiary, Charter Consolidated PLC, has been attempting to take over Anderson Strathclyde. That offer was challenged by the British government and Strathclyde. The offer has since lapsed and the challenge dropped, but Charter Consolidated hasn't indicated whether it will once again pursue that objective. If it does and is successful, NMS would be controlled by Anglo American despite the withdrawal of the Longyear bid.

The largest block of NMS stock — 23.8 percent — is held by CSX Corp. These shares were purchased by Chessie System in 1976 from Irish Fitzwilliam Ltd., whose deputy chairman was Anthony J.F. O'Reilly, who is now chairman and chief executive of H.J. Heinz Co. CSX got the shares with the merger of Chessie and Seaboard Coastline Industries. It has indicated its intention of selling them but Robert Hintz, senior vice president of finance at CSX, said there was

(Continued on back page)

FACTS & FIGURES

Domestic

	WEEKLY 1/15/83	1/8/83	1/16/82
Production			
Bituminous, recent week	15,233	13,978	13,189
Bituminous, year to date	**29,211**	**32,640**	—
Anthracite, recent week	84	77	97
Anthracite, year to date	**161**	**223**	—
Railroad carloadings			
Bituminous, recent week	102,334	93,855	88,326
Bituminous, year to date	**196,189**	**220,628**	—
Anthracite, recent week	30	36	87
Anthracite, year to date	**66**	**318**	—

Production data in thousands of short tons.
Source: U.S. Dept of Energy, Energy Information Administration—Weekly Coal Report.

	WEEKLY 1/15/83	1/8/83	1/16/82
Production by states, bituminous and lignite			
Eastern			
Alabama	492	452	462
Georgia	—	—	—
Illinois	1,133	1,040	972
Indiana	557	511	478
Kentucky:			
Eastern	2,006	1,841	1,780
Western	687	631	658
Total, Ky.	**2,693**	**2,472**	**2,438**
Maryland	74	68	64
Ohio	706	648	613
Pennsylvania	1,431	1,313	1,316
Tennessee	149	136	149
Virginia	725	665	658
West Virginia	2,378	2,182	1,914
Total, Eastern	**10,338**	**9,487**	**9,064**
Western			
Alaska	15	14	12
Arizona	204	188	164
Arkansas	4	3	3
Colorado	353	324	299
Iowa	11	10	9
Kansas	17	15	12
Missouri	93	85	82
Montana	520	477	508
New Mexico	325	298	299
North Dakota	344	315	273
Oklahoma	100	92	84
Texas	613	563	493
Utah	297	273	224
Washington	85	78	78
Wyoming	1,914	1,756	1,585
Total Western	**4,895**	**4,491**	**4,125**
Total, United States	**15,233**	**13,978**	**13,189**

In short tons (000).
Source: U.S. Dept of Energy, Energy Information administration—Weekly Coal Reports.

	MONTHLY 11/82	10/82	11/81
Coal Labor			
All employees			
Coal Mining	222.0	224.3	252.2
Bituminous & Lignite	218.7	221.0	248.7
Production employees			
Coal mining	179.9	181.9	209.3
Bituminous & Lignite	177.0	179.0	206.2
Hours, weekly average			
Coal mining	38.3	39.1	42.7
Bituminous & Lignite	38.2	39.1	42.7
Earnings, hourly average			
Coal mining	13.09	12.93	12.38
Bituminous & Lignite	13.13	12.97	12.41
Earnings, weekly average			
Coal mining	501.35	505.56	528.63
Bituminous & Lignite	501.57	507.13	529.91

Source: U.S. Dept. of Labor, Bureau of Labor Statistics—Employment and Earnings.

	MONTHLY 11/82	10/82	11/81
Bituminous and Lignite			
Consumption			
Electric power utilities	47,699	46,248	46,873
Coal user stocks of coal			
Electric power utilities	171,335	170,181	156,360
Anthracite			
Consumption			
Electric power utilities	100	81	141
Coal user stocks of coal			
Electric power utilities	6,060	5,992	5,548

Note: Data give in thousands of short tons.
Source: U.S. Dept. of Energy Information Administration—Weekly Coal Report.

	11/82	10/82	11/81
Coal User Production			
Major district users:			
Electric utilities			
(Mil Kwh.)			
Monthly	95,547	93,779	94,841

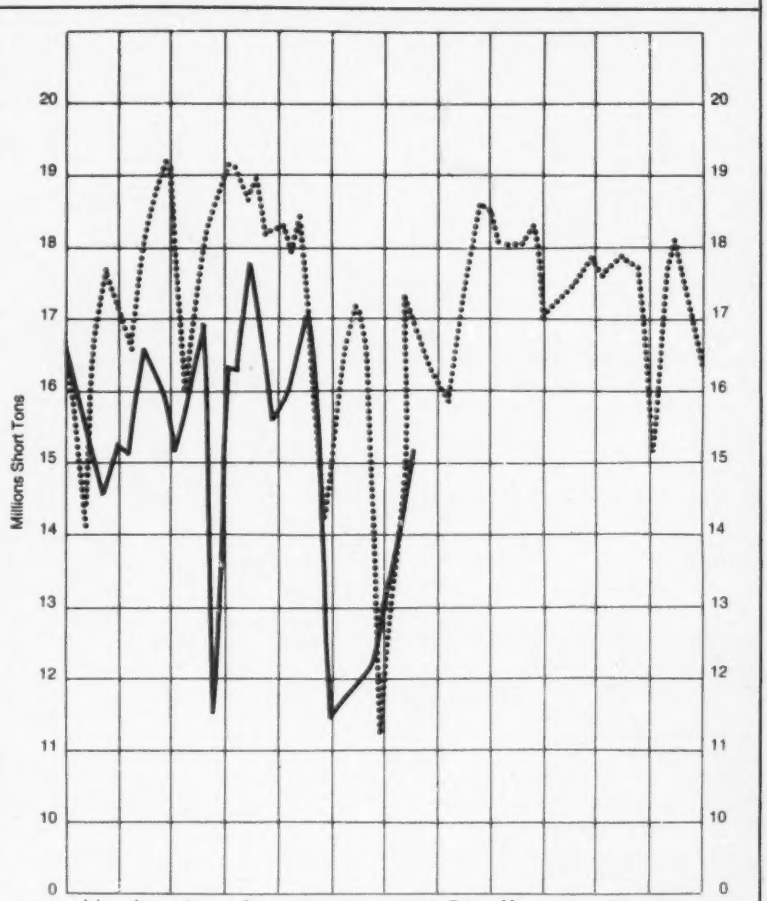
Price Indexes	MONTHLY 12/82	11/82	8/82
Bituminous Coal and Lignite	105.0	105.1	104.8
Primary Products	103.5	103.4	104.1
Prepared	104.7	104.7	104.4
Steam electric utilities	105.9	105.7	105.1
North Appalachia	106.1	102.9	104.8
Spot	N.A.	N.A.	98.9
Contract	106.3	102.6	105.7
South Appalachia			
Contract	N.A.	99.4	98.2
Midwest	107.8	110.2	109.4
Contract	108.9	111.6	110.7
West	110.0	109.4	105.9
Contract	110.0	109.4	105.9
Metallurgical/coke producer	101.7	101.6	102.7
High volatile	100.2	100.0	100.8
North Appalachia	97.2	97.2	98.8
Contract	N.A.	N.A.	98.8
South Appalachia			
Contract	102.0	101.5	102.0
West	99.0	100.7	100.1
Low volatile	102.8	103.4	106.0
North Appalachia			
Contract	99.5	103.0	104.7
South Appalachia			
Contract	105.5	104.2	107.3
All other industrial	100.5	100.8	101.8
North Appalachia			
Contract	91.2	91.2	90.0
Midwest			
Contract	107.2	107.2	106.0
Unprepared (raw)	99.2	99.0	103.1
For preparation at other establishments	N.A.	N.A.	N.A.
For use without preparation	N.A.	N.A.	N.A.
Anthracite	154.0	154.0	153.8
Primary products	152.6	152.6	152.5
Prepared anthracite shipped	154.7	154.7	154.5
Stove	151.7	151.7	151.1
Chestnut	151.5	151.5	150.9
Pea	160.3	160.3	160.3
Buckwheat no. 1	149.0	149.0	149.0
Buckwheat no. 2	160.8	160.8	160.8
Buckwheat no. 4	143.9	143.9	143.9
Buckwheat no. 5	112.0	112.0	112.0

N.A.—Not Available

Source: Bureau of Labor Statistics, Dept. of Labor.
Note: The Bureau of Labor Statistics has recalibrated its producer price index figures for bituminous and lignite, as well as reorganizing its pricing categories. The new index is based on a compilation of average prices for December, 1981, and that month appears as 100. The former index used June, 1976 prices as its base.

Latest U.S. Production Figures

Estimated Bituminous Coal and Lignite Production



Source: U.S. Department of Energy

BITUMINOUS and lignite production reached 15.233 million short tons for the week ended Jan. 15., a 9 percent increase from the previous week's 13.978 million short tons. Production in the corresponding week of 1982 reached 13.189 million short tons. Production for the first two weeks of the year reached 29.211 million short tons, down 10.5 percent from the corresponding period in 1982.

Exports & Imports

	Quantity in short tons 11/82	10/82	11/81	Dollar Value 11/82	10/82	11/81	Avg. Value per short ton 11/82	10/82	11/81
Bituminous coal, low volatile blends to make coke No. 5213110									
Belgium	192,408	282,248	411,089	12,436,106	17,141,553	18,522,793	64.63	60.73	45.05
Brazil	260,833	334,334	311,902	14,465,188	17,256,075	12,770,505	55.45	51.61	40.94
Canada	387,906	937,675	615,744	26,399,452	62,102,630	37,571,426	68.05	66.23	61.01
France	218,893	381,287	751,882	11,175,562	21,711,632	37,940,663	51.05	56.94	50.46
Germany, F.R. (West)	—	76,931	197,256	—	4,069,528	9,881,736	—	52.89	50.35
Italy	543,308	776,407	966,490	26,001,417	39,266,107	46,432,039	47.85	50.57	48.04
Japan	1,215,219	1,533,082	2,770,512	78,643,079	94,259,202	163,409,807	59.79	61.48	58.98
Netherlands	147,170	338,082	259,010	9,257,723	17,141,553	16,061,209	62.90	50.62	62.00
Spain	223,531	193,856	338,241	10,388,575	9,813,314	15,033,023	46.47	50.62	44.44
Sweden	79,381	314,657	153,121	3,704,675	17,064,977	8,796,082	46.66	54.23	57.44
United Kingdom	—	—	301,823	—	—	17,695,821	—	—	58.62
Yugoslavia	76,898	193,396	369,965	5,00,060	10,271,387	22,093,450	65.02	53.11	59.71
Total, above	3,445,547	5,362,466	7,447,035	197,471,837	310,097,958	401,208,554	57.31	57.82	54.54
Total, other nations	524,127	508,235	682,493	31,205,810	28,864,739	40,279,774	59.53	56.79	59.01
Total, all nations	**3,969,674**	**5,870,701**	**8,129,528**	**228,677,647**	**338,962,697**	**446,488,328**	**57.60**	**57.73**	**54.92**

	Quantity in short tons 11/82	10/82	11/81	Dollar Value 11/82	10/82	11/81	Avg. Value per short ton 11/82	10/82	11/81
Bituminous coal, others No. 5213120									
Belgium	131,159	65,225	157,700	4,959,468	2,840,204	6,419,772	37.81	43.54	40.70
Canada	1,609,983	1,835,915	1,437,170	80,250,571	93,685,989	67,605,688	49.84	51.02	47.04
China, Taiwan	123,825	181,709	168,429	5,301,886	8,122,406	6,547,265	42.81	44.70	38.87
Denmark	189,870	427,459	307,912	10,452,508	18,807,417	12,932,792	55.05	43.99	42.00
Finland	185,207	47,775	203,132	7,658,434	1,857,184	9,516,865	41.29	38.87	46.85
France	520,446	469,267	260,576	22,754,991	21,663,008	12,017,736	43.72	46.16	46.11
Germany, F.R. (West)	97,340	210,620	145,896	6,120,068	11,094,094	7,304,804	62.87	52.67	50.06
Italy	424,098	282,333	365,466	22,191,398	13,985,579	18,267,101	52.32	49.53	49.98
Japan	143,625	271,080	371,113	7,115,678	13,796,829	18,367,620	49.54	50.89	49.49
Netherlands	175,804	184,416	148,600	9,515,151	8,908,077	7,061,559	54.12	48.30	47.52
Spain	177,370	196,522	358,479	7,433,664	4,032,484	16,192,632	41.91	37.85	45.16
Total, above	3,778,727	4,082,321	3,924,473	183,753,817	196,793,241	182,223,834	48.62	48.69	46.43
Total, other nations	251,052	222,334	304,524	10,948,814	11,178,083	15,423,302	43.61	50.27	50.64
Total, all nations	**4,029,799**	**4,304,655**	**4,228,997**	**194,702,631**	**209,971,324**	**197,647,136**	**48.31**	**48.77**	**46.73**
Lignite No. 5213130									
Total, all nations	**362**	**809**	**2,061**	**63,153**	**99,555**	**363,347**	**174.45**	**123.05**	**176.29**
Coal coke for use as fuel No. 5213148									
Total, all nations	**59,774**	**56,567**	**54,194**	**3,638,655**	**3,420,940**	**5,355,890**	**60.87**	**60.47**	**98.82**
Petroleum coke, except calcined No. 5213150									
Canada	128,802	47,035	28,732	4,712,130	1,919,871	1,154,413	36.58	40.81	40.17
Japan	417,427	273,423	163,970	16,896,182	10,271,458	8,295,103	39.99	37.56	50.58
Netherlands	113,735	127,507	66,556	2,569,874	5,575,563	3,531,310	22.59	43.72	53.05
Total, above	659,964	447,965	259,258	23,978,186	17,766,892	12,980,826	36.33	39.66	50.06
Total, other nations	497,313	618,963	106,528	13,808,271	20,149,716	6,259,352	27.76	32.55	58.75
Total, all nations	**1,157,277**	**1,066,928**	**365,786**	**37,786,457**	**37,916,608**	**19,240,178**	**32.65**	**35.53**	**52.59**
Compositions for fuel No. 5213160									
Total, all nations	**32,681**	**495**	**3,004**	**1,037,537**	**41,090**	**161,163**	**31.75**	**83.01**	**53.64**
Anthracite No. 5213170									
Korea Rep. (South)	34,478	77,160	114,380	1,220,600	2,413,900	7,024,963	32.56	31.28	61.41
Total, all nations	**106,603**	**120,867**	**171,392**	**6,054,223**	**5,635,940**	**10,877,383**	**56.79**	**46.28**	**63.46**

Strong 2 Weeks Ago, Most Coal Issues Lose Ground

NEW YORK — Like the saying, "What goes up must come down," so it was with the vast majority of issues in *Coal Industry News's* list of coal-related stocks for the week ended Jan. 21. Two weeks earlier, the overwhelming number of these issues were heading up along with the bulk of the market.

Such activity was in line with leading market averages. The Dow Jones Industrial Average fell 27.87 points in the Jan. 21 week, a decline of 2.58 percent, while the Dow Jones Transportation Index dropped 18.90 points for a 4.04 percent loss.

The combination of weak fourth-quarter and 12-month earnings in the metals industries forced many of the list's stocks down. For steel issues, there was the added impact of the 6 percent price hike by 8 major producers for carbon and alloy sheet, strip and plate. Most security analysts and industry watchers have predicted that these increases will not stick, especially with steel in its worst slump since the Great Depression.

Inland Steel fell 3 to close at 26 1/8 after it reported a fourth quarter loss of $31.5-million and a red-ink figure of $118.8 million for the full year. This was Inland Steel's first deficit since 1932.

All seven of the list's transportation stocks showed declines in the most recent week.

National Mine Service closed the week at 12 1/8, down 3/8 from its week high. The promise of a growing fight for control of the company ended when the Scottish firm, Anderson Strathclyde PLC raised its ante to $13.10 and the other suitor, Longyear Co., decided to abandon its standing offer of $13 a share for 35 percent of NMS shares. The Scottish firm is seeking about 51 percent of those shares with the backing of the NMS board.

Most of the equipment suppliers reported declines in their stock prices, due in large part to the weak earnings reports from leaders in their industries.

Stock market watchers in growing numbers now expect the market to turn downward after its prolonged rally that dates back to August. Merrill Lynch, Pierce, Fenner and Smith Chief Market Analyst Robert J. Farrell warned on Jan. 24 that the market could fall back as much as 15 percent over the next few months. This would drop it to the 930 level from its recent Dow Jones peak of 1092.35.

January 21, 1983

company	sales 100s	wks. high	wks. low	last	net chg
Coal Companies					
Amax	12066	25	24⅛	24¾	-¼
AEPwr/a	15484	19⅝	19⅛	19¼	+¼
AshlOil/b	3634	31¾	30⅛	30⅝	-¾
BethSt/c	5275	22¼	19⅝	19⅞	-1⅜
Boeing/d	15499	w37½	32⅝	33⅞	-3
DuPont/e	12945	42¼	39¾	40⅛	-1⅜
EastGF	1088	24⅜	22⅜	22⅞	-⅞
ElPaso	10553	21⅛	20½	20½	-½
EqtLf/f	...	...	...	...	...
Exxon/g	51489	31⅜	30	30¾	+¼
GenElh	12374	97¼	93¾	93⅞	-2⅜
Grace/i	3778	43¼	42¼	42½	-¼
GulfOil/j	18265	32⅞	30	32⅝	+1⅝
Hanna/j	762	21	20½	20⅞	+⅛
KerrMc	11625	31⅞	28½	31⅝	+2⅛
Mapco	2240	26¼	25	25	-⅞
Mobil	32310	27⅞	24⅞	27⅛	+1⅛
MonPw/k	1719	26¾	26	26½	...
Newmt/l	4976	59⅜	54¾	55	-3½
NACoal	83	29	27⅛	28	+½
OcciPet/m	10668	21¾	20½	20⅞	-⅝
PacPw/n	1795	21⅞	21½	21⅝	+⅛
PhilPet	19278	37¼	33⅛	35	+1¼
Pittstn	4512	16¾	15⅞	16⅛	+⅛
ShellO	3259	42	38⅝	39¾	-¼
StOilCl/o	20800	35⅛	31¼	35	+2⅝
StdOOh/p	19407	41⅞	36½	39⅝	+⅞
SunCo	2734	35	33¾	34¼	-½
Texaco	24539	33⅛	31⅜	33	+1¼
TexUtil	9467	23½	22⅞	23¼	...
USSteel	9965	21⅛	20¼	20⅝	-¼
UtaPL	2449	w22½	22	22¼	...
WalJm	4612	37¾	33¾	33⅞	-3¾
West	631	20½	19⅞	20¼	+¼
Williams/q	9008	20⅛	18⅞	19½	+½
Suppliers					
ACF	837	34¾	33½	34	-¾
AlisCh	1010	13	12½	12⅝	-¼
BucyEr	1086	16¾	15⅜	15½	-1¼
CatrpT	9985	46¾	43¼	44⅛	-2⅛
Chrysir	22536	17	14⅜	15	-2
CmbEn	3912	38½	36⅛	36⅜	-2
DowCh	14650	29⅛	27⅜	27¾	-1
Dravo	772	13½	12⅜	12⅜	-1
Dresr/r	16941	21¼	20¼	20¼	-⅞
FMC	2401	w37½	34⅜	35	+¼
Firest	5678	19⅛	17	17⅜	-1½
Fluor/s	6348	24⅞	22⅝	22¾	-1⅝
FordM	10274	39⅝	36¼	36¼	-2⅜
GTE/t	16872	42⅝	39¼	40⅛	-1½
GMot	25169	65¼	58½	58⅞	-4⅞
GTire	2242	34½	31½	32	-2¼
Gdrich	1974	35½	34	34	-¾
Goodyr	11743	35⅞	31½	31⅝	-3⅞
IngerR	2667	45⅜	42¼	42¾	-⅛
IntHarv	10385	4¾	4	4¼	...
JoyMfg	2818	26¾	24¾	25½	-¾
Kenmt	640	32¼	29¾	30	-1¾
McDnD	8707	w45⅜	42⅜	42⅝	+⅜
NMineS	3949	13	12⅛	12⅛	-⅜
Penwlt	1107	33⅜	30½	30½	-2¼
RshCot	506	16¼	15⅜	15⅞	-⅜
Tenneco	10091	35⅝	34	34¾	-⅛
UnCarb	6070	59⅛	56	56⅝	-2¼
WestgE	11602	w46	42¾	42⅞	-1¾
WheelF	2343	54¾	53	53⅞	+⅛
Transportation					
BrlNth	4266	63¼	60⅝	61¼	-½
CSX	4612	56¾	52⅛	53⅛	-2¼
CNWst	1102	w27⅜	24⅛	24½	-2⅛
ICInd	1293	38½	36⅜	36⅞	-⅜
NorSo	6235	53	52⅞	53¼	-2½
SFeInd	8135	25⅞	24	24⅝	-⅛
UnPac	11386	53¼	49	49¼	-2
Users					
Alcoa	7368	34⅝	31¼	31½	-2⅛
InldSt	3469	26⅞	26	26⅛	-3
KaisCe	473	25⅜	24	24⅜	-⅞
KaiserSt	5433	30¾	27	29	-1
NatlSt	3034	22⅛	20	20	-2
RepSt	674	17	15½	15½	-1¼
WhelPit	541	18¼	17	17¾	-¼

a/owns Central Ohio Coal, b/owns 50 percent of Arch Mineral, c/owns Bethlehem Mines, d/owns 15 percent of Peabody Holding Co., e/Owns Conoco and Consolidation Coal, f/Owns 5 percent of Peabody Holding Co., g/owns Exxon Coal, h/owns Utah International, i/owns 50 percent of Colowyo Coal, j/owns 50 percent of Colowyo Coal, k/owns Western Energy, l/owns 27.5 percent of Peabody Holding, m/owns Island Creek Coal Co., n/owns Nerco, o/owns 20 percent of Amax, p/owns Old Ben Coal Co., q/owns 27.5 percent of Peabody Holding Co., r/owns Jeffrey Mining, s/owns 10 percent of Peabody Holding Co., t/owns American Mine Tool, u/owns Pittsburg and Midway Coal Mining Co., w/new 52-week high, x/ex-dividend and sales in full.

Lab Celebrates 10 Years

COLUMBUS, Ohio — Battelle Columbus Laboratories begins the 10th year of its stack-gas-control and coal utilization laboratory by looking for new technology to license and spread around the world, the company said.

The center, which provides information on gas desulfurization, coal cleaning and fluidized-bed combustion, has received $3 million in support funds from trade associaions and companies in several countries.

WHERE & WHEN

JANUARY

31-Feb. 4 — Society of Explosives Engineers 9th annual conference on explosives and blasting techniques, Dallas North Park Inn, Dallas, Texas. For further information, contact Dr. Calvin J. Konya, Executive Director, Society of Explosives Engineers, P.O. Box 185, Montville, Ohio 44064 or telephone 216-249-8436.

FEBRUARY

4-5 — University of Nevada-Reno, short course on Mining Law, El Dorado Hotel, Reno, Nev. For further information, contact the University of Nevada-Reno, Division of Continuing Education, Reno, Nev. 89557 or telephone 702-784-4046.

8 — Logan Coal Operators' Association, annual meeting. Logan, West Virginia.

9-11 — Colorado Mining Association, 86th National Western Mining Conference and Exhibition. The Fairmont, Denver, Colo.

10-11 — Coal: Exports and Foreign Business Transactions, short course, sponsored by the American Law Institute/American Bar Association. L'Enfant Plaza Hotel, Washington, D.C.

11-13 — Facts About Coal in Tennessee, annual meeting. The Glenstone Lodge, Gatlinburg, Tenn.

14-17 — Stack Sampling and Ambient Air Monitoring, short course, New Jersey. For further information contact Rosanne Razzano, The Center for Professional Advancement, Dept. NR, P.O. Box H, East Brunswick, NJ 08816-0257 or telephone 201-249-1400 ext. 269.

15-18 — ASME/EPRI/APCA 2nd Symposium on Integrated Environmental Controls for Coal-Fired Power Plants, Stouffer's Denver Inn, Denver, Colo.

16-17 — International Conference on Coal, Minerals and Petroleum, Hotel Captain Cook, Anchorage, Alaska. For further information, contact Carl R. Portman, Conference Coordinator, Resource Development Council, Inc., Box 516, Anchorage, Alaska 99510 or telephone 907-278-9615.

20-26 — Accelerating Philippine Coal Development Through U.S. Technology, Philippine Plaza Hotel, Manila, Philippines. Sponsored by the Ministry of Energy, Philippines and the Trade and Development Program of the United States. For further information, contact AER Enterprises, P.O. Box 454, East Brunswick, New Jersey 00816 or telephone 201-254-6930.

21-23 — Coal Expo '83: An International Exhibition of Coal Mining and Processing Equipment. Held in conjunction with the Philippine-U.S. Coal/Lignite Symposium, Philippine Plaza Hotel, Manila, Philippines.

21-14 — OISTL/IMMR, Hydrology and Sedimentology of Surface Mined Lands, short course. Executive Inn, Owensboro, Ky.

23-25 — Sulfonation, short course, New Jersey. For further information, contact Rosanne Razzano, The Center for Professional Advancement, Dept. NR, P.O. Box H, East Brunswick, NJ 08816-0257 or telephone 201-249-1400 ext 269.

25-March 2 — Control 84, Mineral/Metallurgical Processing, Los Angeles, Calif. Sponsored by the Society of Mining Engineers/AIME and the Metallurgical Society/AIME. For further information, contact J.A. Herbst, University of Utah, Department of Metallurgy, 412 Browning Bldg., Salt Lake City, Utah 84112.

27-Mar. 1 — Coal Transportation and Distribution Seminar, Westin Galleria, Houston, Texas. Sponsored by the National Coal Association and Edison Electric Institute.

28-Mar. 1 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

28-March 2 — ET'83, the 10th annual Energy Technology Conference and Exposition, Sheraton Washington Hotel, Washington, D.C. For further information, contact Event Manager, Government Institutes, Inc., 966 Hungerford Drive, 24, Rockville, Md. 20850 or telephone 301-251-9250.

MARCH

2-3 — Massachesetts Institute of Technology Sea Grant Seminar, MIT, Cambridge, Massachesetts. For further information, contact Beth Harding, Communications Manager, Massachusetts Institute of Technology, Room E38-366, 77 Massachusetts Ave., Cambridge, Mass. 02139 or telephone 617-253-7041.

3-4 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

5-6 — Longwall Mining short course, Atlanta Hilton, Atlanta, Georgia. Sponsored by the Society of Mining Engineers of AIME. For further information, contact Darline D. Daley, Society of Mining Engineers of AIME, Caller No. D, Littleton, Colo. 80127 or telephone 303-973-9550.

6-10 — Society of Mining Engineers of AIME annual meeting, Atlanta Hilton, Atlanta, Ga. For further information, contact Darline D. Daley, Society of Mining Engineers of AIME, Caller No. D, Littleton, Colo. 80127 or telephone 303-973-9550.

7-8 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

7-9 — Ninth Annual Research Symposium on Land Disposal, Incineration and Treatment of Hazardous Waste, sponsored by the Solid and Hazardous Waste Research Division and the Industrial Pollution Control Division, U.S. Environmental Protection Agency, Drawbridge Motor Inn and Convention Center, Ft. Mitchell, Ky. For futher information, contact David Shultz or Cathy Murillo, Southwest Research Institute, P.O. Drawer 28510, San Antonio, Texas 78284 or telephone 512-684-5111.

8-10 — Coal Production and Transportation 9th annual conference, Fairmont Hotel, Dallas, Texas. For further information, contact PLM, Inc., 50 California Street, Suite 3300, San Francisco, Calif. 94111 or telephone 415-989-1860.

9-10 — Southern Coals Conference Inc., seminar and annual meeting, Queen City Club, Cincinnati, Ohio.

9-12 — International Contractors Equipment Exposition and Conference, McCormick Plaza West, Chicago, Ill. For further information, contact Martin C. Dwyer International, Division of Clapp and Poliak, Inc., 400 North Michigan Ave., Chicago, Ill. 60611 or telephone 312-467-4590.

10-11 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

14-15 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

14-18 — Solvent Extraction Technology, short course, Chicago, Ill. For further information, contact Rosanne Razzano, The Center for Professional Advancement, Dept. NR, P.O. Box H, East Brunswick, NJ 08816-0257 or telephone 201-249-1400 ext. 269.

15-18 — Slurry Transport Association 8th International Technical Conference on Slurry Transportation, San Francisco, California. For further information, contact STA 490 L'Enfant Plaza East, SW, Suite 3210, Washington, D.C. 20024 or telephone 202-554-4700.

16-18 — IOSTL/IMMR, Coal Laboratory Technician Training, short course, Kentucky Center for Energy Research, Lexington, Ky.

17-18 — Third annual Ansul Winter Fire School, Beaumont Fire Department, Beaumont, Texas. For further information, contact the Enrollment Coordinator, Ansul Training Services, Marinette, Wis. 54143 or telephone 715-735-7411.

Virginia Mining and Reclamation Association, annual meeting, Ramada Inn, Kingsport, Tenn.

21-23 — Mining and Reclamation Council of America 6th annual meeting, Mayflower Hotel, Washington, D.C. For further information, contact Moya Phelps, MRCA, Suite 525, 1575 Eye Street, N.W., Washington, D.C. 20005 or telephone 202-789-0220.

21-23 — Repair and Rehabilitation of U.S. Ports, Hyatt Regency Hotel, New Orleans, La. Sponsored by the American Society of Civil Engineers. For further information, contact Elizabeth Yee Lurie, Manager, Conference Services, ASCE, 345 E. 47th Street, New York, N.Y. 10017 or telephone 212-705-7544.

22-24 — Second Conference on Fabric Filter Technology for Coal-Fired Power Plants, Stouffer's Denver Inn, Denver, Colo. For further information, contact Janet Runyan, Conference Coordinator, Acurex Corp., 485 Clyde Ave., Mountain View, Calif. 94042 or telephone 415-964-3200 ext. 3023.

22-24 — Measuring and Monitoring Noncriteria (Toxic) Air Contaminants, Knickerbocker Hotel, Chicago, Ill. Sponsored by the Lake Michigan States Section of APCA.

23-24 — The Outlook For Coal: Digging Out From The Pit, Stouffer's National Center, Arlington, Va. For further information, contact Paul Gilman, Planning Manager, The Energy Bureau, 41 East 42 Street, New York, N.Y. 10017 or telephone 212-687-3177.

• *To let Coal Industry News readers know "where and when" YOUR association's meeting or short course is being held, send a notice to Anita Jenkins, Coal Industry News, 1301 Pennsylvania Ave., N.W., Suite 1010, Washington, D.C. 20004.*

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